

All Agency Project Request

2013 - 2015 Biennium

<u>Agency</u>	<u>Institution</u>	<u>Building No.</u>	<u>Building Name</u>
University of Wisconsin	Parkside	285-0G-3044	S&AC - Sports & Activity Center
<u>Project No.</u>	15D2Y	<u>Project Title</u>	Sports & Activity Center Gymnasium Roof Repl

Project Intent

This project provides investigation and research, pre-design, and design services to replace the gymnasium (Roof Area 4) roofing system with a new system that provides a minimum insulation value of R25 and completes all other associated ancillary work to maintain the building envelope integrity and prevent damage to the building and its contents. The roof area will be evaluated to identify deficiencies, develop design solution alternatives, and recommend appropriate corrective measures.

Project Description

Project work includes removing, disposing, and replacing ~ 21,100 SF of modified bitumen roofing with a new and fully adhered, 60-mil Ethylene Propylene Diene Monomer (EPDM) roof membrane system, including new insulation; coping, flashing and sheet metal components; repairing or replacing all six roof drain assemblies; and raising all roof penetrations and protrusions (mechanical units, curbs, vents, etc.) to a minimum of 8-inches above the new finished roofing surface.

Project Justification

The roof sections are more than 31 years old (Project No. 8404-10). Recent site inspections by the Physical Plant staff and the Division of Facilities Development staff determined these roof sections require replacement to address current leaking, weathered, worn, and/or damaged sections. The modified bitumen plies show granule loss, blisters, and previous repairs throughout the membrane. The sheet metal coping has rusted in some locations and the foil-faced flashing has failed. A recent nuclear scan of the roofing area detected that 65% of the roof area is saturated. These repairs will extend the life of the roof sections and prevent moisture from penetrating the building envelope.

A/E Consultant Requirements

☒ A/E Selection Required?

Consultants should have specific expertise and experience in the design and coordination of roofing systems, exterior building envelope renovation/restoration, and masonry construction within institutional environments as part of a design team. Work includes report of existing roofing conditions, site surveys, acquiring field data, and verifying as-built conditions to assure accurate development of design and bidding documents, drafting roof plans and details, and production of necessary design and bidding documents. Consultants should indicate specific projects from past experience (including size, cost, and completion date) in their letter of interest and when known, include proposed consulting partners and specialty consultants.

The consultant will verify project scope, schedule, and budget estimates, and recommend modifications as required to complete the specified project intent. The consultant will prepare a pre-design document to establish an appropriate project scope, budget, and schedule prior to the university seeking authority to construct from the Board of Regents and State Building Commission.

Commissioning

- ☒ Level 1
☐ Level 2

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<u>Project Budget</u>			<u>Funding Source(s)</u>	<u>Total</u>
Construction Cost:	\$		GFSB - Facilities Maintenance & Renovation [Z060]	\$0
Haz Mats:	\$		PRSB - []	\$0
Construction Total:	\$		Agency/Institution Cash []	\$0
Contingency: 15%	\$		Gifts	\$0
A/E Design Fees: 8%	\$		Grants	\$0
DFD Mgmt Fees: 4%	\$		Building Trust Funds [BTF]	\$21,200
Other:	\$0		Other Funding Source	\$0
	\$338,600			\$21,200

Project Schedule

SBC Approval: 06/2016
 A/E Selection: 12/2015
 Bid Opening: 06/2016
 Construction Start: 07/2016
 Substantial Completion: 09/2016
 Project Close Out: 12/2016

Project Contact

Contact Name: Donald A. Kolbe
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 Telephone: (262) 595-2232 x

Project Scope Consideration Checklist

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- Will the building or area impacted by the project be occupied during construction? If yes, explain how the occupants will be accommodated during construction. ☒ ☐
All project work will be coordinated through campus physical plant staff to minimize disruptions to daily operations and activities.
- Is the project an extension of another authorized project? If so, provide the project #... ☐ ☒
- Are hazardous materials involved? If yes, what materials are involved and how will they be handled? ☐ ☒
Hazardous materials abatement is not anticipated on this project.
- Will the project impact the utility systems in the building and cause disruptions? If yes, to what extent? ☐ ☒
- Will the project impact the heating plant, primary electrical system, or utility capacities supplying the building? If yes, to what extent? ☐ ☒
- Are other projects or work occurring within this project's work area? If yes, provide the project # and/or description of the other work in the project scope. ☐ ☒
- Have you identified the WEPA designation of the project...Type I, Type II, or Type III? ☒ ☐
Type III.

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8. Is the facility listed on a historic register (federal or state), or is the facility listed by the Wisconsin Historical Society as a building of potential historic significance? If yes, describe here. ☐ ☒
9. Are there any other issues affecting the cost or status of this project? ☐ ☒
10. Will the construction work be limited to a particular season or window of opportunity? If yes, explain the limitations and provide proposed solution. ☒ ☐
Project work is seasonal. Preferred project work schedule should be limited to late spring, summer, and/or early fall months if possible.
11. Will the project improve, decrease, or increase the function and costs of facilities operational and maintenance budget and the work load? If yes, to what extent? ☒ ☐
Completion of this project will decrease operational maintenance costs.
12. Are there known code or health and safety concerns? If yes, identify and indicate if the correction or compliance measure was included in the budget estimate, or indicate plans for correcting the issue(s). ☐ ☒
13. Are there potential energy or water usages reduction grants, rebates, or incentives for which the project may qualify (i.e. Focus on Energy <<http://www.focusonenergy.com>> or the local utility provider)? If yes, describe here. ☐ ☒
14. If this is an energy project, indicate and describe the simple payback on state funding sources in years and the expected energy reduction here. ☐ ☒